

Commonwealth of Kentucky
Division for Air Quality
EXECUTIVE SUMMARY

PROPOSED
Title V, Construction / Operating
Permit: V-08-015 R1
Equitable Gathering, LLC
Dwale, Floyd, KY 41621
November 10, 2008
Durga Patil, Reviewer

SOURCE ID:	21-071-00138
AGENCY INTEREST:	44058
ACTIVITY:	APE20080003

SOURCE DESCRIPTION:

On July 16, 2008, the Division for Air Quality received an application for the construction and operation of new units, at the existing natural gas compression station in Dwale, Kentucky (Dwale Station). An addendum to the application was received on August 15, 2008 regarding the temporary compressor engine presently at the facility. The proposed modifications at the facility will consist of the continued operation of the temporary natural gas-fired compressor (U05) of capacity 1,265 brake horsepower (bhp) with no restriction on the hours of operation; and the construction and operation of one triethylene glycol (TEG) dehydration unit (U08) controlled with a flare operating at a maximum of 37.5 million standard cubic feet per day, with an associated reboiler (U09) of capacity 1.0 million British thermal units per hour (mmBtu/hr), one natural gas fired emergency generator (U10) having maximum capacity of 690 horsepower to be operated up to a maximum of 500 hours annually, one 8,820 gallon condensate storage tank and two 4,200 gallon compressor oil storage tanks.

The Dwale Station is currently operating under proposed Title V Permit No. V-08-015, issued on June 2, 2008. Since the Dwale Station will be subject to new specific operating and emission limitations, a revised Title V permit is being issued for this facility. The facility is currently classified as a major PSD source. The increase in potential emissions of each criteria pollutant, including volatile organic compounds (VOC) and NO_x, from the proposed modification will be less than PSD significant emission rate increase thresholds. Thus, the proposed construction will be classified as a minor modification under the PSD program and will not be subject to PSD requirements.

PUBLIC AND AFFECTED STATE REVIEW:

Affected states (Virginia and West Virginia) were notified of the issuance of the draft permit on October 9, 2008 via e-mail. On October 5, 2008, the public notice on availability of the draft permit and supporting material for comments by persons affected by the plant was published in Prestonsburg Floyd Co Times in Prestonburg, Kentucky. The public comment period expired 30 days from the date of publication.

Comments were received from Equitable Resources on November 3, 2008. Minor changes were made to the permit as a result of the comments received; however the Division has concluded that the proposed operation will comply with all air quality regulations and requirements. Therefore, the Division has made a final determination to issue a proposed permit. A final permit will be issued after the U.S. EPA's 45-day review.